

**AMENDMENTS TO THE SPECIFICATION**

Please amend the specification as follows:

**Amend the Abstract as follows:**

~~On a medium surface of a printed material etc.,~~ a A plurality of lattice dots are disposed in a rectangular shape and set as a block, and they are regularly and continuously disposed, and ~~such~~ a dot that forms one ~~1-piece~~ of the lattice dots which exists in the block ~~was~~ is disposed by being shifted unidirectionally and is set as a key dot, and by setting said key dot as a representative point, a plurality of information dots are disposed, and by setting a center which was surrounded by the lattice dots of ~~[[4]]~~ four points as a hypothetical point, and by setting this as a start point of a vector, at an end point of which ~~was represented by a vector~~, a plurality of information dots which have various information ~~recognized~~ are arranged in accordance with a predetermined rule by a dot code generation algorithm to thereby generate a dot pattern.